



KUREHA CORPORATION

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## Product Information

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**Krehalon** EDG-7

Properties	English Values		Metric Values		Test Method
	Unit	Value	Unit	Value	Value
Average Thickness	mil	2.0	μm	50.8	-
Yield	in <sup>2</sup> / lb	8240	m <sup>2</sup> /kg	11.6	(calc.)
Oxygen Transmission Rate @ 23°C dry	cm <sup>3</sup> ·mil /100in <sup>2</sup> ·day·atm	2.6	cm <sup>3</sup> ·μm /m <sup>2</sup> ·day·atm	1070	ASTM D 3985
Water vapor Transmission Rate @ 40°C 100% RH	g·mil /100in <sup>2</sup> ·day	0.50	g·μm /m <sup>2</sup> ·day	193	ASTM F 1249
Ultimate Tensile Strength					
MD	lb/in <sup>2</sup>	17600	MPa	122	ASTM D 882
TD	lb/in <sup>2</sup>	20300	MPa	141	
Ultimate Elongation					
MD	%	119	%	119	ASTM D 882
TD	%	107	%	107	
2% Secant Modulus					
MD	lb/in <sup>2</sup>	61800	MPa	429	ASTM D 882
TD	lb/in <sup>2</sup>	54900	MPa	381	
Unrestrained Shrink					
10 min @100°C Air					
MD	%	17.0	%	17.0	ASTM D 1204
TD	%	14.0	%	14.0	
3min @ 98°C Water					
MD	%	26.0	%	26.0	
TD	%	22.7	%	22.7	
Haze	%	13.9	%	13.9	ASTM D 1003
45° Gloss					
MD	%	118	%	118	ASTM D 2457
TD	%	124	%	124	

Note; The figures above are the result of measurement, and do not show guaranteed value.